

**Notice of Allowability**

Application No.

10/827,061

Examiner

Chuc D. Tran

Applicant(s)

AISENBREY, THOMAS

Art Unit

2821

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to June 26, 2006.
2. ☒ The allowed claim(s) is/are 1-66.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 07/19/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 08/18/06
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**HOANG V. NGUYEN**  
**PRIMARY EXAMINER**

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Douglas R. Schnabel Reg. No. 47,927 on August 18, 2006.

The application has been amended as follows:

Claim 52, line 10, add - - coupling an antenna to the capacitor and the inductor. - -;

Claim 2, line 1, "the ratio" has been changed to - - a ratio - -;

Claim 31, line 1, "the ratio" has been changed to - - a ratio - -;

Claim 33, line 1, "claim 33" has been changed to - - claim 32 - -;

Claim 53, line 1, "the ratio" has been changed to - - a ratio - -.

***Drawings***

2. The drawings were received on April 19, 2004. These drawings are accepted.

***Allowable Subject Matter***

3. Claims 1-66 are allowed.

***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance:

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Regarding claim 1, Andelman fails to disclose or fairly suggest, in combination with the remaining claimed limitations, a capacitor comprising a first plate comprising a conductive loaded, resin-based material comprising conductive materials in a base resin host; and a second plate fixably held nearby but not contacting said first plate such that said first plate and said second plate are capacitively coupled; and an inductor comprising a loop of said conductive loaded, resin-based material wherein at least one of said capacitor and said inductor have a varying value.

Claims 2-29 are allowed since they are dependent on claim 1.

Regarding claim 30, Andelman fails to disclose or fairly suggest, in combination with the remaining claimed limitations, a capacitor comprising a first plate comprising a conductive loaded, resin-based material comprising conductive materials in a base resin host; and a second plate fixably held nearby but not contacting said first plate such that said first plate and said second plate are capacitively coupled; and an inductor comprising a loop of said conductive loaded, resin-based material wherein at least one of said capacitor and said inductor have a varying value; and an antenna coupled to the capacitor and the inductor.

Claims 31-51 are allowed since they are dependent on claim 30.

Regarding claim 52, Andelman fails to disclose or fairly suggest, in combination with the remaining claimed limitations, a method of molding said conductive loaded, resin-based material wherein said molding includes shaping said conductive loaded, resin-based material with a mold and curing said conductive loaded, resin-based material to thereby form an inductor or a capacitor of a LC resonator device into said device; and coupling an antenna to the capacitor and the inductor.

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Claims 53-66 are allowed since they are dependent on claim 52.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Inquiry*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy P. Callahan can be reached on (571) 272-1740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TC



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PRIMARY EXAMINER

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August 18, 2006